Philippe Chapdelaine

Year 4, Cognitive Systems
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SKILLS

Programming Languages: Java, C++, SQL, TypeScript, Javascript, HTML, CSS
Software Tools: Git, JUnit, PostgreSQL, XShell, Axure, Invision, Heroku, Postman, MongoDB, Node.js, Express.js, React/Redux
Skills: Bilingual (French), Good Teamwork Skills, Good Leadership Skills, Highly Motivated, Good Multi-Tasking Skills, Quick Learner

PROJECTS

May-Present 2020   ParkHangs Web App: A Vancouver Park and Event Finder
- A web app that allows users to browse and query parks, get details such as park amenities, as well as see when park fields are booked, and add their own events to parks
- Used Vancouver Parks open API to populate our MongoDB database with park data
- Integrated Google OAuth, as well as ability to add events to Google Calendar
- Created using Node.js and Express.js, by using Create-React-App; hosted on Heroku

Jan-Apr 2019   UBC Buildings, Rooms, and Courses Application
- Created a custom unit test suite in order to run unit tests, regression tests, and integration tests daily
- An application that parses UBC buildings, rooms, and courses data into data structures and allows users to query on the metadata from around campus.
- Implemented using Typescript

Sep-Dec 2018   Meetup.com User Interface Critique Study with Proposed Revision
- Employed relevant HCI design patterns to perform a 10-person study on proposed revisions to the user interface of meetup.com, using Axure for a medium-fidelity prototype. Used gathered data to revise proposed changes.

Jan-Apr 2018   Soccer Statistics Database
- Designed the outline of a database to store and track soccer statistics.
- Implemented the database using SQL, while using UBC Oracle servers to host the server.
- Allows users to log in, search for a soccer team or player, and enter statistics for a team or player

WORK EXPERIENCE

Sep 2019 – May 2020 Application Developer @ Statistics Canada Ottawa
- Worked in Tax division, populating and maintaining databases for third party clients. Also created a process run each morning that summarizes and creates an email report of all data processed the previous workday.

EDUCATION

2015 – Current   University of British Columbia
Bachelor of Science (Cognitive Systems with a focus in Computer Science)